

ABSTRACT OF THE DISCLOSURE

A self-guiding cover assembly for a vacuum electron device (VED) enclosure has a cover, a pair of guide plates, and a pair of guide elements. The cover has a top, a
5 sidewall, an inside and an outside, and at least one electrical connector disposed on the
inside of the cover for mating with a VED. The pair of guide plates is disposed on
opposite sides of the outside of the sidewall of the cover. The guide plates each have a
track. The pair of guide elements is mounted on opposite sides of the outside of the
sidewall of the cover. The pair of guide elements each mates with the track. The cover
10 further comprises a breach lock mechanism for seating the VED into the VED enclosure
having a base. The breach lock mechanism has guide elements mounted on the VED. A
first sleeve is mounted on the base and removably receives the VED. A second sleeve is
mounted on the base and removably receives the first sleeve. The second sleeve has
tracks for mating with the guide elements. A rotation of the second sleeve pulls the VED
15 into the base for seating the VED.